

RESUME

Patrick Barbe

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EDUCATION

B.S./1995/Land Resource Environmental Science/Virginia Polytechnic Institute and State University
Minor in Chemistry

EXPERIENCE

Project Manager/Soil Scientist, Soil & Structure Consulting, Annandale, VA 06/03 to present

- Performed and managed all aspects of land acquisition and development of residential and commercial properties, including plan review, construction inspection and certification procurement, drainfield approval, uncontrolled fill investigations, construction materials testing, inspections of storm water management systems and subcontractor procurement
- Supervised and managed permitting in conjunction with U.S. Army Corps of Engineers wetland delineation, and drainfield permitting for subdivision development.
- Maintained current client relationships and procured additional clients through marketing strategies
- Procured RFP's and developed proposals for construction inspections and drainfield siting services
- Assisted accounting department with procurement of outstanding balances and division profitability

Division Manager, The Tech Group Inc., Chantilly, VA. 06/01 to 06/03.

- Performed and managed all aspects of land acquisition and development of residential and commercial properties, including plan review, construction inspection and certification procurement, drainfield approval, uncontrolled fill investigations, construction materials testing, inspections of storm water management systems and subcontractor procurement
- Performed hydrogeological, soil morphological, hydrological investigations, and Environmental Site Assessments (ESA), in conjunction with county, state, and federal environmental policy and regulations in Maryland and Virginia
- Supervised and managed permitting in conjunction with U.S. Army Corps of Engineers wetland delineation, and drainfield permitting for subdivision development.
- Coordinated with State and County regulatory agencies, including Maryland Department of the Environment, County Health Departments, Department of Public Works and Transportation, and County Infrastructure and Environmental Programs, Sediment and Erosion Control and Plan Review Inspectors
- Maintained current client relationships and procured additional clients through marketing strategies
- Procured RFP's and developed proposals for construction inspections and drainfield siting services
- Assisted accounting department with procurement of outstanding balances and division profitability

Project Manager, The Tech Group Inc., Fairfax, VA. 07/00 to 06/01.

- Performed work under the supervision of a Professional Engineer; tasks included geotechnical investigations, construction inspections, septic drainfield permitting, and permitting for fiber optic routes
- Performed general contracting for projects such as the construction of signal huts
- Attended pre-bid meetings and produced engineering schedules using Microsoft Project
- Performed hydrogeological, soil morphological, and hydrological investigations, in conjunction with county, state, and federal environmental policy and regulations in Maryland and Virginia
- Procured proposals for construction inspections, drainfield siting services and fiber optic engineering design
- Supervised and managed permitting in conjunction with U.S. Army Corps of Engineers wetland delineation and drainfield permitting for subdivision development

Department Manager /Soil Scientist, Soil Consultants, Inc., Manassas, VA. 04/97 to 07/00.

- Managed Soil Science Department: duties included marketing services to clientele, developing and maintaining client relationships, and general project management
- Managed team of scientists: duties included hiring, scheduling, performing employee reviews, and performing marketability analyses
- Performed project management for permitting of septic drainfield areas for single lots and the development of subdivisions such as The Reserve in McLean, Virginia and Wildwood Forest in Culpeper, Virginia
- Performed Soil Mapping and Investigation services for lot redevelopment in Fairfax and Arlington Counties, and the City of Alexandria
- Performed residential and commercial inspections of building foundations, footings, and slabs

Engineering Technician, Soil Consultants, Inc., Manassas, VA. 04/96 to 04/97.

- Performed site inspections, duties included: stripping checks, monitoring soil compaction and testing soils using a Nuclear Density Gauge and concrete testing
- Assisted in laboratory testing in an accredited geotechnical laboratory, performed five point proctors, soil classifications and testing of concrete cylinders for compressive strength
- Performed residential and commercial inspections of building foundations, footings, and slabs

AFFILIATIONS

Virginia Association of Professional Soil Scientist, Member
Maryland and Virginia Building Industry Association, Member
Washington Area Council of Engineering Laboratories (WACEL), Concrete and Soils Certified

LANGUAGES

Fluent: French, English